CLAIMS

What is claimed is:

1. A wireless piconet device, comprising:

a piconet front end;

a piconet connection quality determiner; and

a user link quality indicator;

wherein said piconet connection quality determiner determines at least one aspect relating to a quality of connection achieved through said piconet front end, and controls said user link quality indicator based on said determined at least one aspect.

2. The wireless piconet device according to claim 1, wherein:

said piconet front end conforms to BLUETOOTH standards.

3. The wireless piconet device according to claim 1, wherein:

said user link quality indicator indicates audibly.

4. The wireless piconet device according to claim 1, wherein:

said user link quality indicator indicates visibly.

5. The wireless piconet device according to claim 4, wherein said visible user link quality indicator comprises:

an LED.

6. The wireless piconet device according to claim 4, wherein said visible user link quality indicator comprises:

a graphical display.

5   7. A method of optimizing link quality of a wireless piconet device to a user, comprising:

firstly determining at least one aspect of a link quality of a wireless connection to a short range network; and

providing a first indication of compliance of said at least one

10   aspect of said link quality to said user.

8. The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, further comprising:

allowing said user to physically move said wireless piconet

15   device;

secondly determining said at least one aspect of said link quality; and

providing a second indication of compliance of said at least one aspect of said link quality to said user.

20

9. The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein said determining comprises:

generating a Read_RSSI command; and

25   retrieving an RSSI value returned in response to said generated Read_RSSI command.

10.   The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein said determining comprises:

generating a Get_Link_Quality command; and

5   retrieving a link quality value returned in response to said generated Get_Link_Quality command.

11.   The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein:

10   said wireless connection is a piconet connection.

12.   The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein:

said wireless connection is a scatternet connection.

15

13.   The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein:

said indication is audible.

20   14.   The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein:

said indication is visible.

15.   The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein:

25   said compliance is determined by a comparison of said determined at least one aspect to a pre-configured threshold value allowing optimal communications quality.

16.   Apparatus for optimizing link quality of a wireless piconet device to a user, comprising:

means for firstly determining at least one aspect of a link quality of a wireless connection to a short range network; and

5   means for providing a first indication of compliance of said at least one aspect of said link quality to said user.

17.   The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, further comprising:

10   means for allowing said user to physically move said wireless piconet device;

means for secondly determining said at least one aspect of said link quality; and

means for providing a second indication of compliance of

15   said at least one aspect of said link quality to said user.

18.   The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein said means for determining comprises:

20   means for generating a Read_RSSI command; and

means for retrieving an RSSI value returned in response to said generated Read_RSSI command.

19.   The apparatus for optimizing link quality of a wireless

25   piconet device to a user in accordance with claim 16, wherein said means for determining comprises:

means for generating a Get_Link_Quality command; and

means for retrieving a link quality value returned in response to said generated Get_Link_Quality command.

30

20.   The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein:

said wireless connection is a piconet connection.

5   21.   The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein:

said wireless connection is a scatternet connection.

22.   The apparatus for optimizing link quality of a wireless

10   piconet device to a user in accordance with claim 16, wherein:

said indication is audible.

23.   The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein:

15   said indication is visible.

24.   The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein:

said compliance is determined by means for comparing said

20   determined at least one aspect to a pre-configured threshold value allowing optimal communications quality.